MULTIMEDIA UNIVERSITY

STUDENT ID NO

MULTIMEDIA UNIVERSITY

FINAL EXAMINATION

TRIMESTER 3, 2018/2019

DAC5014 – COMPUTER APPLICATIONS

(DBA Students)

27 MAY 2019
2.30 p.m. – 4.30 p.m.
(2 Hours)

INSTRUCTIONS TO STUDENT:

1. This question paper consists of 8 pages with 2 sections.
2. **SECTION A**: Answer **ALL** Multiple Choice Questions on the OMR sheet given.
3. **SECTION B**: Answer **ALL** Structured Questions in the Answer Booklet provided.

SECTION A (40 Marks)

Instruction: *Answer **ALL** questions from this section and shade your answers on the OMR sheet provided.*

1. Which of the following is the largest unit of measurement for a hard disk?
   A. Gigabyte
   B. Megabyte
   C. Petabyte
   D. Terabyte

2. An Apple iPad and a Microsoft Surface are examples of _____ computers.
   A. tablet
   B. laptop
   C. desktop
   D. netbook

3. Laser printers _____.
   A. is a nonimpact printer that sprays tiny drops of ink onto paper
   B. use static electricity, toner, and heat to set an image on a page very quickly
   C. combines the functions of a printer, scanner, copier, and fax into one machine
   D. is a printer that works either by melting wax-based ink into ordinary paper or by burning dots onto specially coated paper

4. The statement below refers to _____.
   "An expansion card that enables your computer to connect to other computers or to the Internet."
   A. video card
   B. sound card
   C. controller card
   D. network interface card

5. All of the following is an example of nonvolatile storage **EXCEPT** _____.
   A. RAM
   B. DVD
   C. hard drive
   D. flash drive

6. _____ port is the most common port used to connect input and output devices to a computer.
   A. Ethernet
   B. Thunderbolt
   C. Universal serial bus
   D. High-definition multimedia interface

Continued...

7. LinkedIn is a(n) _____.

   A. professional, business-oriented social networking site
   B. photo sharing platform and social network where users upload photos for others to see
   C. online news and social networking site where people communicate in short messages called tweets
   D. social network that allows users to visually share, and discover new interests by posting images or videos to their own or others' boards and browsing what other users have pinned

8. Which of the following is **NOT** an instant messaging service?

   A. Line
   B. OneNote
   C. WeChat
   D. Facebook Messenger

9. All of the following are examples of Business to Consumer (B2C) **EXCEPT** _____.

   A. FashionValet
   B. ZALORA
   C. Uniqlo
   D. MMLS

10. Google Chrome and Microsoft Edge are the example of _____.

    A. website
    B. web browser
    C. search engine
    D. domain name

11. Which of the following is an advantage of E-commerce?

    A. Cannot judge or guarantee the quality of the products just by looking at pictures.
    B. Security issues especially on payments as it uses credit card or debit cards.
    C. Business can be done 24 hours a day and 7 days per week.
    D. Not all products are suitable to be sold online.

12. The statement below refers to _____.
    "A navigation aid that shows the path you have taken to get to a web page or where the page is located within the website."

    A. bookmarks
    B. cookie trail
    C. navigation bar
    D. breadcrumb trail

Continued...

13. _____ software is software designed to perform a group of coordinated functions, tasks, or activities for the benefit of the user.

A. Application
B. Recovery
C. Productivity
D. System

14. The statement below refers to _____ installation.
"The process of installing only those features of a software program that a user wants on the hard drive."

A. full
B. beta
C. partial
D. custom

15. Which of the following is **NOT** a type of a productivity software application?

A. Personal information management
B. Sound editing
C. Word processing
D. Spreadsheet

16. _____ software lets you store and organize data into a logical format and perform calculations.

A. Presentation
B. Word processing
C. Spreadsheet
D. Personal information management

17. All of the following are tips for a great presentation **EXCEPT** _____.

A. limit bullet points per slide to 4-6
B. use images to convey a thought or illustrate a point
C. use a colourful background and variety of animations
D. keep the font size large enough to be read from the back of the room

18. All of the following are examples of database software **EXCEPT** _____.

A. NeoOffice
B. Oracle
C. MySQL
D. Microsoft Access

19. Manages computer's hardware and allows application software to work with CPU are _____.

A. multitask function
B. user interface function
C. utility system function
D. operating system function

Continued...

20. If a program has stopped working or stop responding, you can use Windows _____ utility to check on the program or to exit the nonresponsive program.

A. Backup utility
B. Task Manager
C. Error-checking
D. System Restore

21. _____ are two operating systems that are used most frequently on phones.

A. Windows and iOS
B. Windows and Android
C. Android and iOS
D. BlackBerry and Windows

22. Which of the following is **NOT** a network operating system?

A. MS-DOS
B. UNIX
C. Windows NT
D. Microsoft Windows Server

23. _____ is the operating system used by most supercomputers.

A. UNIX
B. Linux
C. Windows
D. iOS

24. Which of the following is the first type of user interface used?

A. Application programming interface (API)
B. Graphical user interface (GUI)
C. Menu-driven
D. Command-driven

25. All of the following list could determine the CPU's processing power **EXCEPT** _____.

A. clock speed
B. number of cores
C. amount of cache memory
D. size of monitor

26. "*It has several coated, round, thin plates of metal stacked on a spindle and each plate is called a platter.*" This statement is referred to _____.

A. hard drive
B. flash drive
C. microchip
D. cd driver

Continued...

27. There are several important issues to consider to increase your system's reliability **EXCEPT** _____.

A. install an antivirus program
B. clear out unnecessary files
C. automate key utilities
D. using a wireless magnetic mouse

28. Which of the following is **NOT** the characteristics of Read Only Memory (ROM)?

A. The storage capacity is small.
B. It is a volatile memory.
C. It is a permanent storage.
D. It stores the boot program.

29. SSDs run with _____, generate very little heat, and require very little power, making them a popular option in Ultrabook.

A. no noise
B. battery
C. memory
D. chips

30. The way video is displayed depends on two components, which are video card and _____.

A. CPU
B. monitor
C. ports
D. keyboard

31. Textual information, which has been captured digitally, is **BEST** referred to as _____.

A. electronic ink
B. e-readers
C. electronic text
D. e-publishing

32. All of the following are the types of audio format **EXCEPT** _____.

A. mp3
B. wma
C. docx
D. aac

33. "*It captures images on electronic sensors and then convert those images to digital data.*" This statement is **BEST** describes _____.

A. digital camera
B. audio recorder
C. video software
D. sound apps

Continued...

34. _____ is the number of data points captured in each image.

A. Pixel
B. Resolution
C. File format
D. Sampling rate

35. Trademarks is defined as a(n) _____.

A. exclusive right granted for an invention
B. legal term used to describe the rights that creators have over their literary and artistic works
C. legal term of art that generally refers to characteristics of the visual appearance of a product or its packaging that signify the source of the product to consumers
D. sign capable of distinguishing the goods or services of one enterprise from those of other enterprises

36. All of the following are the types of scams **EXCEPT** _____.

A. animation process
B. requesting changes of address
C. counterfeiting credit and debit cards
D. emails that provide links to a fake banking website

37. The type of hackers that break into systems for non-malicious reasons such as to test system security vulnerabilities or to expose undisclosed weaknesses is referred to _____ hackers.

A. grey hat
B. blue hat
C. white hat
D. black hat

38. Trojan horses appear to be useful, but run _____.

A. programming
B. malicious code
C. processor
D. programs

39. Which of the following statement **BEST** describes a botnet?

A. An attack launches DoS attacks from more than one zombie at the same time.
B. It shuts down and refuses to answer any requests for information.
C. A large group of software running on zombie computers.
D. A computer that a hacker controls.

Continued...

40. "*A small text files that some websites automatically store on your hard drive when you visit them.*" This statement refers to _____.

A. junk mail
B. spam
C. directory
D. cookies

SECTION B (60 Marks)

Instruction: *Answer **ALL** questions from this section in the Answer Booklet provided.*

QUESTION 1

(a) You are a sales person selling smartphones. If a customer wants to buy a smartphone, what are **FIVE** tips you will advise your customer to consider before they purchase it. (5 Marks)

(b) Define cloud storage. Give **TWO** advantages of cloud storage. (3 Marks)

(c) List **FOUR** common top-level domains and their authorized users. (4 Marks)

(d) List **THREE** ways to obtain better results when searching using a search engine. (3 Marks)

(Total: 15 Marks)

QUESTION 2

(a) Educational and reference software is available to help you practice, study or plan activities. Name and explain any **THREE** of the education and reference software. (6 Marks)

(b) The boot process consists of four basic steps: (1) Activating (BIOS). (2) Performing the Power-On-Self-Test. (3) Loading the OS. (4) Checking further configurations and customizations. Explain activities occurred in step 3: Loading the OS of the booting process. (4 Marks)

(c) State the **THREE** primary functions of the operating system. (3 Marks)

(d) Name **ONE** software that is helpful for small business owners. (2 Marks)

(Total: 15 Marks)

Continued...

QUESTION 3

(a) Modern video cards let you connect video equipment using a number of different ports. Explain **THREE** types of ports. (6 Marks)

(b) Describe **FIVE** factors that can determine the image quality which are commonly used when using a camera. (5 Marks)

(c) List **FOUR** online source examples that provide collection of digital video content. (4 Marks)

(Total: 15 Marks)

QUESTION 4

(a) Describe social engineering. (2 Marks)

(b) Differentiate phishing and pharming. (4 Marks)

(c) Define antivirus software. List **FOUR** popular antivirus program. (6 Marks)

(d) List **THREE** types of biometric authentication that are now widely offered in smartphones. (3 Marks)

(Total: 15 Marks)

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